



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/628,579	07/29/2003	Mark C. Carroll	22129-00007-US1

CONFIRMATION NO. 4098

FORMALITIES LETTER



OC000000011097779

30678
 CONNOLLY BOVE LODGE & HUTZ LLP
 SUITE 800
 1990 M STREET NW
 WASHINGTON, DC 20036-3425

Date Mailed: 10/24/2003

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings contain excessive text. Suitable descriptive legends may be used, or may be required by the Examiner where necessary for understanding of the drawing but should contain as few words as possible (see 37 CFR 1.84(o)). See Figure(s) 3-9&11-14.
 - The drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper, which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e)). See Figure(s) 22a,22b&22c.

Items Required To Avoid Processing Delays:

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

- Additional claim fees of **\$1014** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

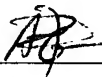
SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$1914** for a Large Entity

- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$1014**
 - **\$342** for **19** total claims over 20 .
 - **\$672** for **8** independent claims over 3 .

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 3 - OFFICE COPY

Effective OCTOBER 1, 2003, Patent Fees will be adjusted. Please note that fee amounts required by the enclosed Notice might reflect the fees due on the date of filing. Any fee paid on or after OCTOBER 1, 2003 is subject to the new FY 2004 fee schedule and must be paid in the new amount.

EXAMPLES OF FEES BEING ADJUSTED

See www.uspto.gov for complete FY 2003
and FY-2004 Fee Schedules

* Indicates
fees remain
at FY 2003
amount

DESCRIPTION	FY 2003	FY 2004
Basic filing fee - Utility	\$750	\$770
Basic filing fee - Utility (Small Entity)	\$375	\$385
Independent claims in excess of three	\$84	\$86
Independent claims in excess of three (Small Entity)	\$42	\$43
Claims in excess of twenty	\$18	\$18*
Claims in excess of twenty (Small Entity)	\$9	\$9*
Multiple dependent claim	\$280	\$290
Multiple dependent claim (Small Entity)	\$140	\$145
Surcharge - Late filing fee	\$130	\$130
Surcharge - Late filing fee (Small Entity)	\$65	\$65
Design filing fee	\$330	\$340
Design filing fee (Small Entity)	\$165	\$170
Plant filing fee	\$520	\$530
Plant filing fee (Small Entity)	\$260	\$265
Reissue filing fee	\$750	\$770
Reissue filing fee (Small Entity)	\$375	\$385
Reissue independent claims	\$84	\$86
Reissue independent claims (Small Entity)	\$42	\$43
Reissue claims in excess of twenty	\$18	\$18*
Reissue claims in excess of twenty (Small Entity)	\$9	\$9*
Provisional application filing fee	\$160	\$160*
Provisional application filing fee (Small Entity)	\$80	\$80*
Surcharge - Late provisional filing fee	\$50	\$50*
Surcharge - Late provisional filing fee (Small Entity)	\$25	\$25*
Non-English Specification	\$130	\$130*
Extension - First month	\$110	\$110*
Extension - First month (Small Entity)	\$55	\$55*
Extension - Second month	\$410	\$420
Extension - Second month (Small Entity)	\$205	\$210
Extension - Third month	\$930	\$950
Extension - Third month (Small Entity)	\$465	\$475
Extension - Fourth month	\$1,450	\$1,480
Extension - Fourth month (Small Entity)	\$725	\$740
Extension - Fifth month	\$1,970	\$2,010
Extension - Fifth month (Small Entity)	\$985	\$1,005
Petition	\$130	\$130*
Processing returned checks	\$50	\$50*

For further fee information, please call
(703-308-HELP)